

HAZARDOUS MATERIAL CONTROL & MANAGEMENT

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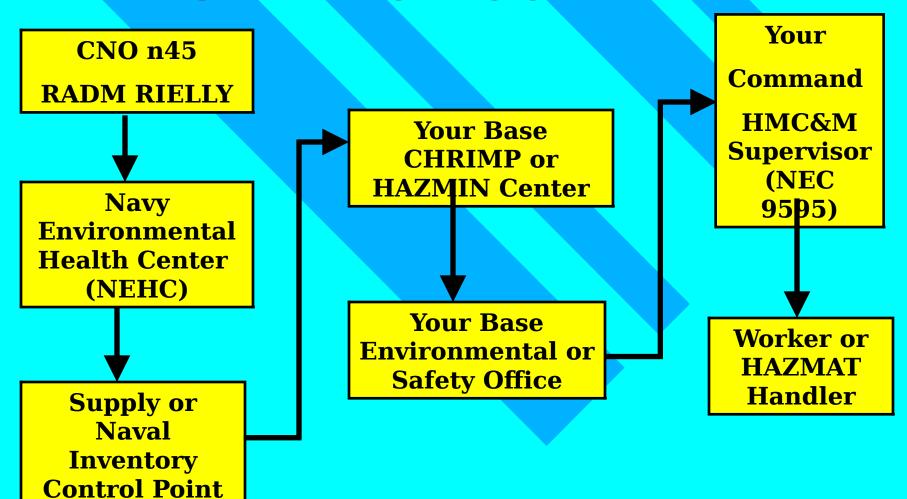
TOPICS OF DISCUSSION 904

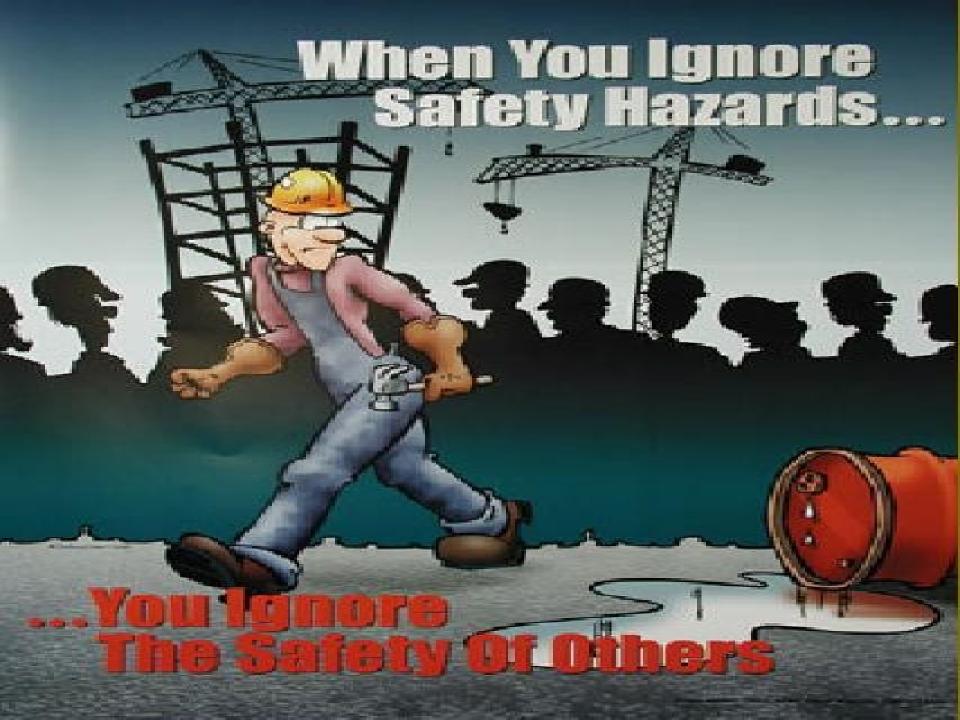
- · WHAT IS HAZMAT? HAZWASTE?
- TRAINING REQUIREMENTS
- MATERIAL SAFETY DATA SHEETS (MSDS)
- AUTHORIZED USERS LIST (AUL) FORMAT
- FLAMMABLE STORAGE LOCKER DESIGN AND STORAGE REQUIREMENTS
 - WHAT IS A BUNG?
- FLAMMABLE STORAGE POINT OF CONTACT

TOPICS OF DISCUSSION 904

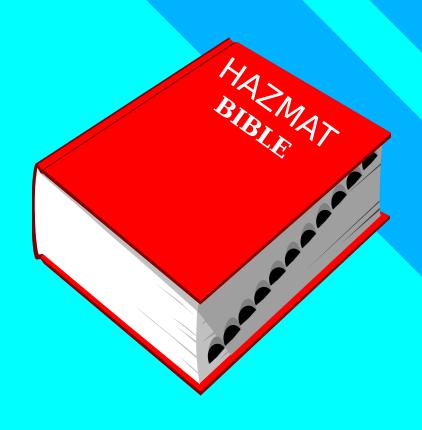
- LABELING REQUIREMENTS
- LOCATION AND PURPOSE OF HAZARD CHARACTERISTIC CODES (HCC)
- HAZMAT TRACKING LOG
- ALODINE CHANGES AND STORAGE REQUIREMENTS

HAZARDOUS MATERIALS PROGRAM CHAIN OF COMMAND





HAZMAT REFERENCES



DoDINST 6050.5

OPNAVINST 4110.2

OPNAVINST 4790.2H, Vol. V, CH. 20

OPNAVINST 5090.1B (Change 4)

OPNAVINST 5100.23F, CH. 7

OPNAVINST 5100.19D, CH. B3 & C23

29 CFR 1910.1200

FEDERAL, REGIONAL &

WHAT IS A HAZARDOUS MATERIAL?

A <u>Hazardous Material (HM)</u> is... "any material that, because of its quantity, concentration, or physical or chemical characteristics, may pose a substantial hazard to human health or the environment when incorrectly used, purposefully released, or accidentally A <u>Hazardous Waste (HW)</u> is... "any discarded material fliquid, solid or gas) which meets the definition of HM and/or is designated as a hazardous waste by the EPA or a State authority.

(Ref: OPNAVINST 5100.19D, CH. B3, Para. B0301.d.(1) and (2))

Note: The Navy does not produce Hazardous Waste.
All Hazardous Materials, used or unused, that cannot be used for its originally intended purpose shall be returned to the base Consolidated Hazardous Reutilization and Inventory Management Program (CHRIMP) for further disposition.

(CHRIMP) for further disposition.

TRAINING REQUIREMENTS

- -Personnel are required to have training prior to exposure.
- -OPNAVINST 4790.2H, Vol. V, CH. 20, para. 20.3.h.(2) requires all personnel to have documented HAZCOM training within 30 days of assignment.
- -Listing of required training courses available at the Navy Occupational Safety Health and Environmental Training Center (NAVOSHENVTRACEN) website www.norva.navy.mil/navosh
- -HMC&M Supervisors required to be graduates of the following courses:
- *Hazardous Material Control and Management Technician course (A-322-2600) OPNAVINST 5100.23F, CH. 7, para. 0702.g.(10).(h). Note
 - *Introduction to Hazardous Material (Ashore)

TRAINING REQUIREMENTS

- -All hands shall receive HAZCOM training initially and annually thereafter.
- -Training should be tailored to individual jobs and specific exposures.
- -Training broken down to Management, Supervisory & Non-

Category of Activities Personnel	HAZCOM Training
Top Management	Initial
Supervisors and Employee Reps *	Initial and annual refresher plus spill response & emergencies for super- visors
Non-supervisory Personnel *,**	Initial plus OJT and refresher by supervisor, as required
Emergency Response (Supervisors and Workers), HW Spill, Handlers & Cleanup Personnel	See 29 CFR 1910.120 and OPNAVINST 5090.1B

TRAINING REQUIREMENTS

- -Check with local/base Safety/Environmental office for a schedule of required NAVOSH training classes including a four (4) hour HAZCOM refresher.
- -Suggest sending personnel through these courses which usually last from 2 to 4 hours to maintain NAVOSH requirements.
- -Utilize Industrial Hygiene Survey reports, MSDS and updated training lectures to provide additional, specific training.

Material Safety Data Sheets (MSDS)

- MSDS A technical bulletin containing information about the hazardous material
- -Copies of current MSDS can be printed from the HMIRS website www.dla.dlis.navy.mil/hmirs
- -A copy shall maintained for each HM on hand (hard copy or HMIS/HMIRS)
- -Readily accessible to all hands with no physical or administrative barriers
- -MSDS binders should be organized to ensure quick retrieval and referencing and shall include the local referencing number as per OPNAVINST 5100.23F, CH. 7

AUTHORIZED USAGE LIST (A.U.L.)

The commanding officer shall <u>develop</u>, <u>implement</u>, <u>manage</u> and <u>revise as necessary</u> an activity level AUL. The AUL shall include the following:

- 1) The stock number and item name for each HM listed or product name and manufacturer name as they appear on the label/MSDS.
- 2) The AUL shall identify processes for each HM listed.
- 3) Provide a means to periodically review the AUL.
- 4) The addition of a uniquely identified numbering system that will allow for the reference, retrieval and cross-reference between the AUL, MSDS, label and inventory.

 (Ref: OPNAVINST 5100.23F, CH. 7 & OPNAVINST 4790.2H,

A.U.L. FORMATTING

- •Most AULs come from your Base Environmental Office with the NSN, MFG name or chemical/product name**.
- •It is up to you, the HMC&M Supervisor, to reformat/revise that AUL to include the remaining information (processes, unique identifier, work centers) as required by the listed references.
- The use of the Microsoft Excel program will aid in his sense the ship's shml contains all chemicals listed on your aul.

A.U.L. FORMATTING

PROCESSES: This will describe what the hazardous material is used for.

- •One method is to enter the information into a block. That entails typing a lot of information into a small space.
- •A much simpler suggestion would be to develop a multi-digit code that identifies a process and enter that code into the block on the AUL. This will save space and keep

things simple

A.U.L. FORMATTING (continued)

SAMPLE PROCESS CODES:

CODE PROCESS DESCRIPTION

eto.

AC62 FLIGHTLINE OPERATIONS Including, but not limited to, HM used in and HW generated from flight line aul with process & operations such as A/C launchcoter page.

These codes are placed on operations such operations such recovery, loading & unloading, servicing,

CL01 CLEANING, GENERIC component, equipment, cleaning including but not limited to

All forms of part, etc.

A.U.L. FORMATTING (continued)

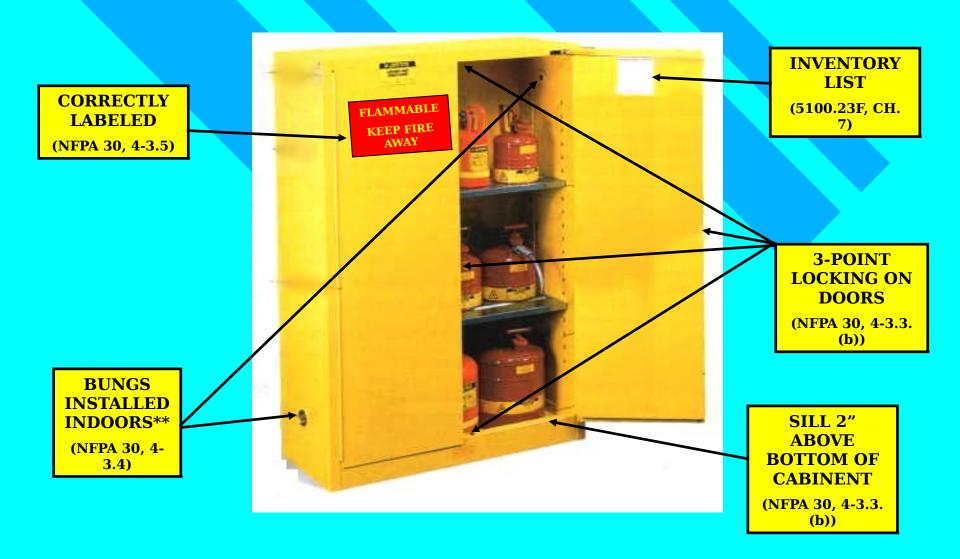
UNIQUE IDENTIFIER: This is a numbering system that will quickly identify the material in case of an emergency. The identifier should be kept as simple as possible and be located on the chemical label, MSDS, AUL and inventory sheets. 1, 2, 3 or A, B, C or ANY COMBINATION THEREOF WILL SUFFICE. The MSDS number can be used but trying to identify the correct 5-digit MSDS number normally let alone during an emergency situation is rather difficult. The key is quick identification and retrieval!

A.U.L. FORMATTING (continued)

<u>WORK CENTER SEGREGATION</u>: Just like it sounds. Two different ways that I have seen them done are,

- 1. The Master AUL lists all chemicals and all work centers are authorized to use every chemical listed. This is not practical because it allows personnel to come into contact with chemicals they are not familiar with or may use for an unauthorized purpose.
- 2. A more practical application will be developing a separate AUL for each work center. The HMC&M Supervisor will distribute a copy to each work center and keep a master copy for him/herself. This allows for better central of the chemicals and prevents.

FLAMMABLE STORAGE LOCKERS



"RULES FOR FLAMMABLE / CORROSIVE STORAGE LOCKERS"

- 1) Ensure effective shelf life processes are in place to remove or replace outdated materials.
- 2) Ensure an MSDS for each HM contained in the locker is available.
- 3) Ensure all HM containers are properly labeled, segregated and free of corrosion and leakage.
- 4) Ensure weekly inspections are conducted and a record of the inspections are maintained.

"RULES FOR FLAMMABLE / CORROSIVE STORAGE LOCKERS" (continued)

- 5) Ensure lockers do not block a means of egress, are free of weeds, debris or other combustible materials not required for storage.
- 6) Ensure each HM is uniquely identified for reference, retrieval, and cross-reference between the label, MSDS, AUL and HM locker inventory.

APPLICABLE REFERENCES: OPNAVINST 5100.19D, CH. B3; OPNAVINST 5100.23F, CH. 7; 4790.2H, Vol. V, CH. 20; 29 CFR 1910.1200; NFPA 30

WHAT IS A BUNG...?





BUNGS (continued)

NFPA 30 FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE

4-3.4

"The storage cabinet shall not be required by this code to be vented for fire protection purposes and vent openings shall be sealed with the bungs supplied with the cabinet or with bungs specified by the manufacturer of the cabinet. However, if the storage cabinet is vented for any reason, the cabinet shall be vented directly to outdoors in such a manner that will not compromise the specified performance of the cabinet and in a manner that is acceptable to the

Installed in two (2) places on each flammable or corrosive storage locker.



POINT OF CONTACT FLAMMABLE STORAGE LOCKERS

NAVSEA APPROVED FLAMMABLE LIQUIDS STORAGE (FLS) CABINETS OR LOCKERS:

Protectoseal Company, 225 W. Foster Ave., Bensenville, IL 60106, 630-595-0800

- -Model # 5514S (4 to 6 gal., 19"W x 18"D x 17"H)
- -Model #5517S (10 to 15 gal., 19"W x 18"D x 35"H)

Justrite Mfg. Co., 2454 Dempster St., Des Plains, IL 60016, 708-298-9250

- -Model #25040N (4 gal., 17"W x 17"D x 22"H)
- -Model # 25710N (12 gal., 23.5"W x 18"D x 35.25"H)
- -Model #25315N (15 gal., 23.5"W x 18"D x 44.25"H)

Delta Ind., Inc., 1490 Lindsey Blvd., Idaho Falls, ID 83405, 208-529-8545

- -Model #CSL10 (10 gal., 20"W x 20"D x 36"H)
- -Model # CSL15 (15 gal., 20"W x 20"D x 46"H)

**Some models may be discontinued suggest contacting MFG for current listings and pricing information.

For further information please contact:

Rob Vasinda, NSWCCD-SSES Code 9783



- Manufacturer's labels for identification of HM containers must clearly identify:
 - 1. the material name.
 - 2. the manufacturer's name and address.
 - 3. the nature of the hazard presented by the HM including the target organ affected by the material.
- Marking unlabeled containers, tanks or containers where the label has been destroyed or damaged, commands may use the DoD Hazardous Chemical Warning Label, DD 2521 or DD 2522. These labels may be printed out along with an MSDS on the HMIS system. www.dlis.dla.mil/hmirs

APPROVED LABELS

Personnel can print these labels on plain paper or the preprinted color forms

DD 2521 (4" X 7")

PRODUCT IDENTITY:

L STEN HAME:

CORROSION RESISTANT COATING, CHEMICALLY TREATED ALUMINUM

6. SPECIFIC HAZARDS (Including Target Organ Effects):

NOT PROVIDED I FIETS. CAN CAUSE SEVERE INSTITATION SIGN: CAN
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FROM COMBINED ASSOCIATION CONTENTS
FROM COMBINED ON THE ASSOCIATION OF MIST MAY CAUSE
WILL CERATION A PERFORATION OF MISSA SETULIA.

6. CONTACT INFORMATION:

a. Company Hame:

HENKEL CORPORATION-EMERY GROUP

b. Address (Street, P.O. Box, City, State, Zip Code and Country): 4900 ESTE AVENUE

P.O. BOX N/K

CINCINNATI, OH 45232-0

c. Emergency Telephone Number (Including Area Code):

517-283-9430

7. PROCUREMENT YEAR:

L CAGE CODE:

DD FORM 2521, APRIL 2002 PREVIOUS EDITION MAY BE USED

LARGE SIZE FOR 5-GAL CANS & LARGER

SMALL SIZE FOR GALLON CANS & SMALLER DD 2522 (8.5" x 11")

(S/N 0102-LF-012-HAZARDOUS CHEMICAL WARNING LABEL

1. PROPICEDIATION

2. PRODUCT SERIAL #: BQCTG 3. STOCK #: 8030008238039

4. ITEM NAME

CORROSION RESISTANT COATING, CHEMICALLY TREATED ALUMINUM

5. SPECIFIC HAZARDS (Including Target Organ Effects):

NOT PROVIDED / EYES: CAN CAUSE SEVERE IRRITATION. SKIN: CAN CAUSE IRRITATION. SKIN ABSORPTION: CHROMIC ACID MAY BE ABSORBED THROUGH SKIN, ESPECIALLY IF SKIN IS DAMAGED. FATAL KIDNEY DAMAGE REPORTED IN A PERSON WHO EVIDENTLY ABSORBED CHROMIUM TRIOXIDE INTO THE BODY, INHALATION: WILL IRRITATE, MAY BURN MUCOUS MEMBRANE IF PROLONGED. CHRONIC; PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE CHROME SORES. LONG TERM EXPOSURE CAN CAUSE LIVER DAMAGE, KIDNEY DAMAGE, DERMATITIS. PROLONGED OR REPEATED INHALATION OF MIST MAY CAUSE ULCERATION & PERFORATION OF NASAL SEPTUM.

6. CONTACT INFORMATION:

a. Company Name:

HENKEL CORPORATION-EMERY GROUP

b. Address (Street, P.O. Box, City, State, Zip Code and Country):

4900 ESTE AVENUE

P.O. BOX N/K

CINCINNATI, OH 45232-0

US

c. Emergency Telephone Number (including Area Code):

517-263-9430

7. PROCUREMENT YEAR: 8. CAGE CODE:

DO FORM 2522, APRIL 2002 PREVIOUS EDITION MAY BE USED

HAZARD CHARACTERISTIC CODE

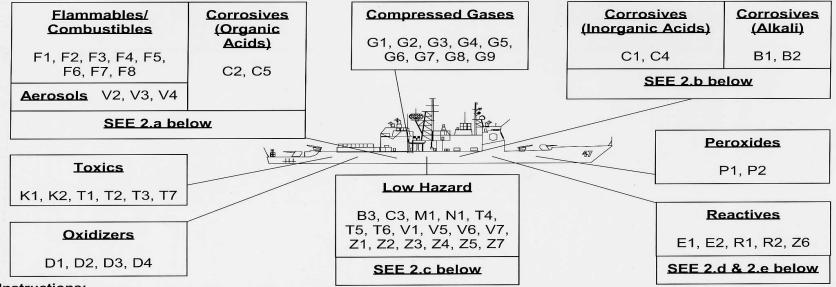
- •The HCC is located on an HMIRS MSDS in the Physical/Chemical Properties section. (usually page 4)
- •The HCC is a 2-digit, alpha-numeric code used in simplify the storage of Hazardous Substances.
- •Compatibility Charts located in OPNAVINST 5100.19D, CH. C23, APP. C23-C & C23-F, along with the materials MSDS can be used to assist you in ensuring chemicals in your storage lockers are compatible.



HAZARDOUS MATERIAL COMPATIBILITY STORAGE DIAGRAM



The Hazardous Characteristic Code (HCC) for each material can be found in the Physical/Chemical Characteristics or the Logistics Information section of the Material Safety Data Sheet (MSDS) under the item's NIIN in the Hazardous Material Information System (HMIS) or Hazardous Material Information Resource System (HMIRS).



- Instructions:
- 1. Each block represents a separate stowage location. The codes in the boxes are grouped with other codes with which they are compatible for storage. A subdivision within a block represents secondary separation within the primary classification.
- 2. The following secondary stowage requirements apply:
 - a. Stow organic acids in a locker lined with acid-resistant material in the flammable liquids storeroom separated by a partition, or by at least 3 feet, from all other material. Separate aerosols (V2, V3, V4) from flammables by placing in a locker or barrier such as floor to ceiling wire mesh, chain link fence, etc. to protect personnel from aerosols that can become self-propelled projectiles.
 - b. Separate B1, B2, C1, and C4 by at least 3 feet from each other.
 - c. Separate B3 and C3 by at least 3 feet from each other.
 - d. Further segregate R1 into a Spontaneously Combustible storage within the Reactive Storage area.
 - e. Should not store R2 in areas protected with water sprinkler system. Fire protection should be non-water based.
- 3. For more detailed information concerning secondary segregation within each group, refer to Defense Logistics Agency (DLA) Instruction 4145.11, Chapter 4, Table 1, or Appendix C, the Storage Segregation Matrix Notes of Table C-1.
- Used for shipboard storage, this diagram can be used ashore for specific chemical storage compatibility.



NAVOSHENVTRACEN COMPATIBILITY CHAR



HMUG GROUP	HCC see note 2	GROUP NAME	EXAMPLES	INCOMPATIBLE EXAMPLES MATERIALS	REACTION IF MIXED
1	C1, C2, C4, C5	ACIDS CONTROLLER	Battery Acid Paint Removers De-Rust Spray	FLAMMABLES/ COMBUSTIBLES Degreasers, Carbon ALKALIS/BASES/CAUSTICS Removers, OXIDIZERS Anti-Fogging Compounds (HMUG Groups 2, 3, 4, 6, 7, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20, 22)	HEAT Gas Generation VIOLENT REACTION
2	F1 to F7, P1, T6, V3, V4	ADHESIVES	Epoxies socyanates socyanates socyanates socyanates socyanates sociality soc	ACIDS ALKALIS/BASES/CAUSTICS OXIDIZERS (HMUG Groups 1, 3, 18)	HEAT FIRE HAZARD
3	B1, B2	ALKALIES BASES/ CAUSTICS	Ammonia Sodium Hydroxide Cleaners	ACIDS/OXIDIZERS Battery acid, FLAMMABLES/COMBUSTIBLES Paint Removers, (HMUG Groups 1, 2, 6, 8, 9, 10, De-Rust Sprays, 11, 14, 17, 18, 19, 20, 22) Paints, Solvents	HEAT VIOLENT Gas Generation REACTION
4	C1-C4, B1-B3, F2 to F7, T4, T6, V2-V4	CLEANING COMPOUNDS	Degreasers Carbon Removers Antifogging Compounds	DETERGENTS/SOAPS OXIDIZERS OXIDIZERS (HMUG Groups 1, 7, 18) Calcium Hypochlorite, Sodium Nitrite, Hydrogen Peroxide	HEAT FIRE HAZARD
5	G1 to G9	COMPRESSED GASES	Acetylene, Propane, Nitrogen, Argon, Helium, Oxygen	HEAT SOURCES Consult paragraph C23 for specific handling and stowage guidance (HMUG Groups 8, 9, 10, 11, 12, 15, 18, 19)	FIRE HAZARD EXPLOSION HAZARD
6	F2 to F5, T6, V2, V3, V4	CORROSION PREVENTIVE COMPOUNDS	Corrosion Inhibitors Chemical Conversion Compounds	ACIDS/BASES OXIDIZERS IGNITION SOURCES (HMUG Group 1, 3, 18, 20)	FIRE HAZARD
7	В3	DETERGENTS/ SOAPS	Trisodium Phosphate Scouring Powders Disinfectants	ACID-CONTAINING Battery Acid, COMPOUNDS Paint Removers (HMUG Groups 1, 4, 18) De-Rust Sprays	VIOLENT REACTION HEAT
8	F8, V6, V7	GREASES	Lithium Grease Silicone Molybdenum	OXIDIZERS ALKALIS/BASES/CAUSTICS (HMUG Groups 3, 5, 18)	FIRE HAZARD HEAT
9	T6, V4, V6, V7	HYDRAULIC FLUIDS	Petroleum-Based Synthetic Fire-Resistant	CORROSIVES, OXIDIZERS (HMUG Groups 1, 3, 5, 18)	VIOLENT REACTION
10	F2 to F4, T4, T6, V2-V6	INSPECTION PENETRANTS	Petroleum-Based Dyes	CORROSIVES, OXIDIZERS (HMUG Groups 1, 3, 5, 18) Battery Acid Caustic Soda Chlorine laundry bleach Calcium Hypochlorite	
11	F4, T6, V2, V3, V4, V6	LUBRICANTS/ OILS	General Purpose, Gear, Turbine, Weapons	Hydrogen Peroxide OBA Canisters Paint Removers	EXPLOSION HAZARD
12	F2 to F6, P1, T3, T4, T6, V1-V4	PAINT MATERIALS	Primers, Enamels, Urethanes, Lacquers, Varnishes, Non-Skid, Thinners	ACIDS, OXIDIZERS (HMUG Groups 1, 5, 18)	FIRE HAZARD
13	C1-C4, B1-B3, D1	PHOTO CHEMICALS	Developers, Stopbath, Toners, Bleaches, Replenishers	ACIDS HEAVY METALS (HMUG Groups 1, 18, 20)	FIRE HAZARD
14	F4	POLISH/WAX COMPOUNDS	Buffing Compounds Metal Polishes General Purpose Waxes	CORROSIVES OXIDIZERS (HMUG Groups 1, 3, 18)	HEAT, FIRE HAZARD VIOLENT REACTION
15	F2 to F6, T3, T4, T6, V1- V4	SOLVENTS	Methyl Ethyl Ketone (MEK) Toluene, Xylene Acetone	CORROSIVES Battery Acid OXIDIZERS Calcium Hypochlorite BATTERIES Sodium Nitrite (HMUG Groups 1, 5, 18, 21, 22) Sodium Hydroxide	FIRE HAZARD
16	T6, T7, Z1	THERMAL INSULATION	Asbestos Fiberglass Glass Wool	MATERIAL IS NOT REACTIVE KEEP DRY	NO REACTION
17	C1-C4, B1-B3, D1	WATER TEST/ TREATMENT CHEMICALS	Nitric Acid Mercuric Nitrate Caustic Soda	CORROSIVES OXIDIZERS HEAVY METALS (HMUG Groups 1, 3, 18, 20, 21)	HEAT VIOLENT REACTION
18	D1 to D4	OXIDIZERS OXIDIZER	Calcium Hypochlorite Laundry Bleach OBA Canisters	PETROLEUM BASED MATERIALS FUELS, SOLVENTS, CORROSIVES, HEAT (HMUG Groups 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 41, 51, 71, 19, 20, 21, 22)	FIRE HAZARD VIOLENT REACTION EXPLOSION HAZARD TOXIC GAS GENERATION
19	F1 to F4, V4, V5, V6	FUELS	JP4, JP5 Gasoline Diesel Fuel	CORROSIVES Battery Acid OXIDIZERS Calcium Hypochlorite (HMUG Groups 1, 3, 5, 18) Sodium Nitrite Sodium Phydroxide	FIRE HAZARD TOXIC GAS GENERATION
20	T6, V7, Z2	HEAVY METALS	Mercury Lead Beryllium	CORROSIVES OXIDIZERS WATER TREATMENT/PHOTO CHEMICALS (HMUG Groups 1, 3, 6, 13, 17, 18, 21)	VIOLENT REACTION GENERATION OF TOXIC AND FLAMMABLE GAS
21	Z4 to Z7	BATTERIES	Lead-Acid Dry-Cell Alkaline	SOLVENTS Xylene HEAVY METALS Toluene OXIDIZERS Alcohol (HMUG Groups 15, 17, 18, 20) Alcohol	HEAT VIOLENT REACTION TOXIC GAS GENERATION
22	T2 to T6	PESTICIDES	Insecticides, Fungicides Rodenticides Fumigants	CORROSIVES OXIDIZERS (HMUG Groups 1, 3, 15, 18)	TOXIC GAS GENERATION

- This chart is to be used as a <u>GUIDE ONLY!</u>
- 2. Compare the desired HMUG Group/HCC in the left column with the Incompatible Material(s) of that Group in the center column on the

same row. Mixing of the HMUG Group/HCC with the Incompatible Material(s) may result in the reaction(s) listed in the right column. 3. Not all applicable HCCs are listed; only the most frequently encountered HCCs (except N1) are listed. VISIT US AT: www.norva.navy.mil/navosh

- Used ashore for chemical storage compatibility.
- This diagram does not list all Hazard **Characteristic** codes.
- Good general use diagram.

HAZMAT TRACKING LOG

DOES YOUR HAZMAT LOG LOOK LIKE THIS?

HAZMAT LOG BOOK							
DATE	T/O	T/I	USED	AMOUNT RETAINED DI			
02-1903	0942	1010	6 0.	tean			
22 1903	1000						
01905	1055	1130	a 1:461 - 6:46	mathe all at it			
021983	1370	1340	alittlebt	KIT			
02198	7 1375	1340	alittle 5+	1can			
03029	0744	F56	a little bit	100			
05052	0200	60,00	Some	i cho			
0305Z	0815	05,00	pot Much	+ CAN			
08002	0950	000	ALIHU	1000			
320453	1011	1					
030234	0315						
03/6	0840						
UB2408	KOO	11017	102	ICA			

A LITTLE BIT

SOM E

NOT MUCH

HAZMAT TRACKING LOG

- -Keep the HAZMAT tracking logbook neat and orderly.
- -All materials are required to be tracked as to quantities checked out for use, returned for reuse and disposed of as waste. (OPNAVINST 4790.2H, VOL. V, CH. 20, para. 20.3.d.(17))
- -Suggest ordering ounces to accur



t measures terials.



CAUTION CORROSIVES





ALODINE STORAGE

ALODINE STORAGE

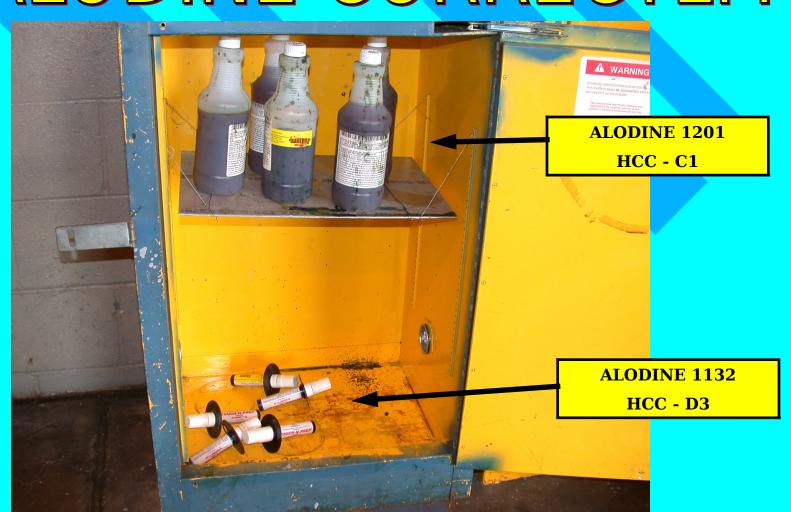
TWO TYPES NORMALLY FOUND IN FLEET:

- 1. ALODINE 1201 (8030-00-823-8039) MSDS# BQCTG
- 2. TOUCH-N-PREP COATING, ALODINE 1132 (8030-01-460-0246) MSDS# -CBXRF

ALODNE STORAGE (continued)

- •Alodine 1201 has recently been reclassified from an <u>OXIDIZER (HCC D3)</u> to a <u>CORROSIVE (HCC C1)</u>
- •Alodine 1132 has been classified as an **OXIDIZER** (HCC D3) .
- *THIS NO COMPANY BLE

ARE YOU STORING YOUR ALODINE CORRECTLY?



SUMMARY

- >KNOW YOUR REFERENCES AND INSTRUCTIONS!
- TRAINING. TRAIN EVERYBODY, SUPERVISORS, WORKERS, EVERYONE!
- >IF YOU DON'T KNOW...ASK! BASE ENVIRONMENTAL OR SAFETY, COMNAVAIRLANT OR PAC, NAVAL SAFETY CENTER.
- LASTLY. K.I.S.S. (Keep It Simple Sailor)



HAZARDOUS MATERIAL CONTROL & MANAGEMENT PROGRAM

QUESTIONS?

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